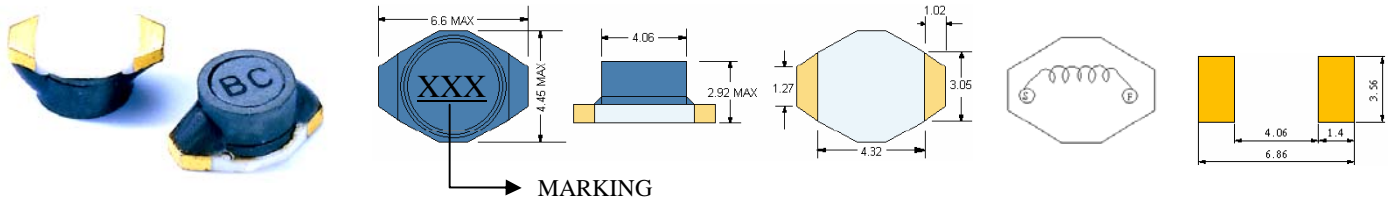


SMD POWER INDUCTORS SMD 功率電感
BC1608C TYPE



● Features

1. Various high power inductors are superior to be high saturation for surface mounting.

● 特點

1. 廣闊的感值範圍,是高飽和表面貼裝的最佳選擇.

● Applications

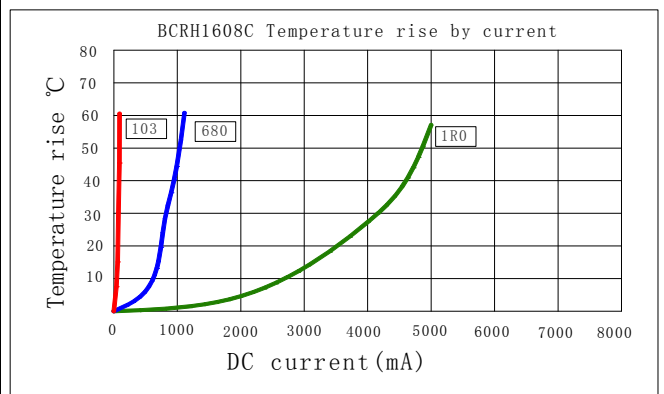
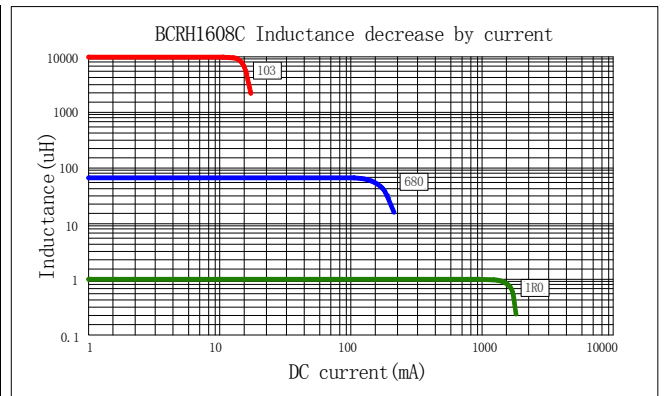
1. Power supply for VTR、OA equipment.
2. LCD television set、notebook PC.
3. Portable communication, equipments.
4. DC/DC converters, etc.

● 應用

1. 錄影機、辦公自動設備.
2. 液晶電視機、筆記型電腦.
3. 通訊設備.
4. 直流對直流電源供應器等.

ELECTRICAL CHARACTERISTICS FOR 電氣特性
BC1608C SERIES

| Part Number 料號 | Inductance 電感 (uH) (1) | Test Frequency 測試頻率 | DC Resistance 電阻(Ω MAX) (2) | Saturation Current ⁽³⁾ 飽和電流(A) | Temperature Current ⁽⁴⁾ 溫升電流(A) |
|--------------------|------------------------------|---------------------------|-----------------------------------|---|--|
| BC1608C-1R0 | 1.0 | 100KHZ | 40m | 1.40 | 4.00 |
| BC1608C-1R5 | 1.5 | 100KHZ | 45m | 0.93 | 3.24 |
| BC1608C-2R2 | 2.2 | 100KHZ | 50m | 0.92 | 2.91 |
| BC1608C-3R3 | 3.3 | 100KHZ | 55m | 0.75 | 2.61 |
| BC1608C-4R7 | 4.7 | 100KHZ | 60m | 0.58 | 2.47 |
| BC1608C-6R8 | 6.8 | 100KHZ | 65m | 0.45 | 2.22 |
| BC1608C-100 | 10 | 100KHZ | 75m | 0.37 | 2.00 |
| BC1608C-150 | 15 | 100KHZ | 90m | 0.31 | 1.70 |
| BC1608C-220 | 22 | 100KHZ | 138m | 0.30 | 1.44 |
| BC1608C-330 | 33 | 100KHZ | 190m | 0.27 | 1.15 |
| BC1608C-470 | 47 | 100KHZ | 230m | 0.24 | 1.03 |
| BC1608C-680 | 68 | 100KHZ | 340m | 0.17 | 0.80 |
| BC1608C-101 | 100 | 100KHZ | 480m | 0.13 | 0.72 |
| BC1608C-151 | 150 | 100KHZ | 750m | 0.10 | 0.64 |
| BC1608C-221 | 220 | 100KHZ | 1.22 | 0.09 | 0.48 |
| BC1608C-331 | 330 | 100KHZ | 1.83 | 0.07 | 0.40 |
| BC1608C-471 | 470 | 100KHZ | 2.85 | 0.06 | 0.32 |
| BC1608C-681 | 680 | 100KHZ | 3.60 | 0.055 | 0.28 |
| BC1608C-102 | 1000 | 100KHZ | 5.35 | 0.045 | 0.22 |
| BC1608C-103 | 10000 | 100KHZ | 32.8 | 0.020 | 0.02 |



- (1). Inductance tested at 0.25V. Tolerance of inductance:±30%(N)
- (2). DCR test temp. limits 25°C.
- (3). This indicates the value of current when the inductance is 30% lower than its initial value at D.C. superposition or D.C. current.
- (4). To load current onto the components under normal ambience, which cause the temp. change as Δt=40°C or more lower current.
- (5). Please refer saturated current or the minimum temperature current as standard.

- (1). 電感測試條件為 0.25V。電感的公差為:±30%(N)
- (2). 電阻(測試)溫度為 25°C。
- (3). 是在疊加直流或者直流負載的狀況下,電感比其初始值下降 30%時的電流。
- (4). 在空氣中,一元器件通以電流,使元件表面溫度變化為 Δt=40°C或低一些的電流值。
- (5). 使用時,請參照飽和電流、溫升電流最小的電流為額定電流。